



## "Equisafe "

### SEMI AUTOMATIC FIRE SUPPRESSION SYSTEM

" **Equisafe** " Semi Automatic Fire Suppression System (SAFSS), specially designed for Heavy Earth Moving Mining Equipments( Of small Capacity ) , Surface Transportation Vehicles, Buses, Van's, Oil Room's & other applications .

" **Equisafe** " : It is designed to use in Dusty, Humid and Variable Temperature Conditions. Apart from Standard Models, These systems can be designed as per the costumer requirement, to protect both man and machine. This is Cost Effective & Reliable solution for Semi Automatic Fire Suppression needs.

This system handles all class of fire: **Class A** ( Wood, Paper, and Rags etc.), **Class B** ( Flammable Liquids & Gases) and **Class C** ( Energized Electrical Equipment ) fire.

It is designed in such a manner, so that its coverage area and capability can be increased as per need. The capacity of system starts from one cylinder of 10 Kg. of dry chemical powder along with four numbers of nozzles. The same system can be enlarged by providing more number of cylinders of same capacity or using cylinders of high capacity ( 20 Kg.) Similarly numbers of nozzles can be increased to 6, 8,10,12 or more to cover larger area. System works as manually.

" **Equisafe** " , Semi Automatic Fire Suppression System Consists of :

**ABC Cylinders, Delivery System, Cartridges, Spray System, Pilot Cyl. Assy. & Other Parts.**

How " **Equisafe** " works:

**Manually Operation Option** : In the event of fire, Vehicle Driver activate system manually. (1) By operating directly by pressing Knob of Pneumatic Cap of ABC Cylinder (2) By knob provided on the pilot cartridge assembly located on the ground floor near stairs / Or other place ( As per installation ). After this it puncture rupture disc located in expellant cartridge valve. From expellant cartridge pressurized gas, Carbon Dioxide enters into main cylinder which is filled with fire extinguisher agent. Expellant gas fluidizes fire extinguishing agent and it flows through distribution system to fixed nozzles and on fire area and fire gets suppressed.

Once the system is activated and put into use, the Cylinder & Cartridge are required to be refilled to the maximum capacity & optimum pressure. This is more essential to provide guaranteed & dependable service in future.